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## POINTMAN® Card Printer

# Javelin DNA™ PRO User guide manual Install Printer and Ready



**POINTMAN**

[www.pointman.co.kr](http://www.pointman.co.kr)

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# Safety Precautions

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Before using this product, please make sure that you have read the safety precautions described below. The safety precautions noted on this page are categorized as Warning, Caution, Attention, and Note. We are not responsible for any injuries or damage when the product is not used in compliance with these precautions.



## Warning

These warnings must always be followed; otherwise, this may result in serious injury or damage.



## Caution

Not following this caution can cause service interruption or product damage.



## Important

Use this information to check and inspect for the proper operation of the product.



## Note

This is a note that provides more details or information that is useful for users.



## -Warning

These warnings must always be followed; otherwise, serious injury may result.

### Power

- Do not use a damaged plug or loose outlet.
- Do not pull the cable to unplug or touch the plug with wet hands.
- Do not bend the cable by force or place any heavy objects on it.
- Keep it unplugged if not in use for an extended period of time or in case of lightning or thunder.

### Installation / Storage

- Do not install the printer in a place where it may be subjected to moisture, dust, or splashes of water (rain).
- Keep the printer away from heat sources, as well as lit candles and cigarettes.
- Unplug the printer when moving it.  
(If the printer is moved while plugged, the cable may be damaged and cause electric shock.)

### Cleaning

- Keep the power plug clean, away from dust and water.
- Unplug when cleaning, and do not spray water or use benzene or thinner.

### Misc.

- Do not place metal objects, drugs, or anything with water on it.
- If you observe strange smoke, odor, or noise from the printer, unplug it immediately and contact your dealer.
- Use only the specified adapter.

※ Do not use adapters from other devices, e.g. laptop, monitor, game console.



## -Caution

Not following this caution can cause service interruption or product damage.

### Installation/ Storage

- Do not install the printer on an unstable surface.
- Do not place the printer under direct sunlight as it may cause a malfunction.

### Misc.

- Do not remove any cover or protective device that is attached with screws.
- Do not operate the printer while your hand is placed inside.
- Clean and maintain the printer according to the user instructions.
- Do not disassemble, repair, or modify the printer arbitrarily.

# Getting Started

## -Product Overview

Thank you for purchasing the NUVIA series-N10, N20, N30.

This printer is designed to print cards quickly and easily according to your specifications. It supports IC and RF cards (optional feature) as well as magnetic cards and can print high quality color images on the surface of the card using the dye-sublimation method. In addition, the user can edit and print various types of barcodes, magnetic cards, and photos using Excel.

This printer is suitable for printing membership cards, rewards cards, employee ID cards, and access cards as it prints directly to PVC cards for faster and more efficient printing.

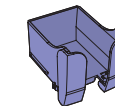
## -In the Box



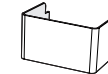
N10  
(Single Card Printing)



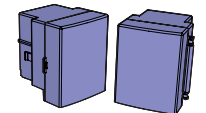
N20 /N30  
(Multiple Card Printing)



Output Stacker  
(for N20 and N30)



Input Hopper Lock  
(for N20 and N30 only)



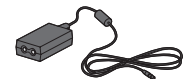
Input Hopper  
(for N20 and N30 only)



USB Cable



Power Cable



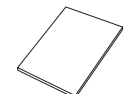
Power Adaptor



Cleaning Roller



Installation CD



User Manual

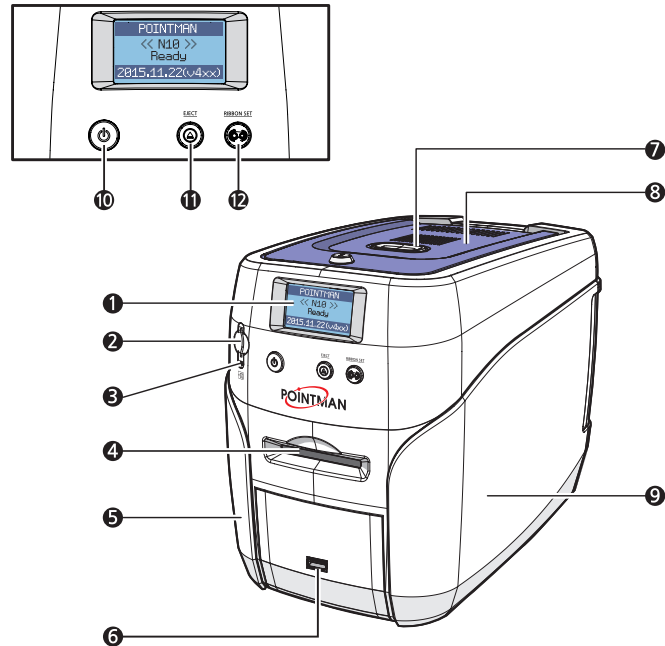


### Important

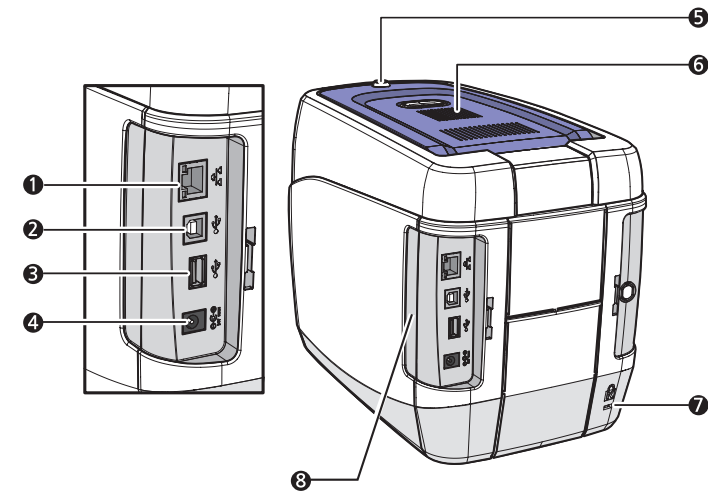
Please make sure that all the components and accessories are included in the box. If there are missing or damaged items, then please contact your dealer for assistance.

# Names of Parts

## -N10 (Manual Feeding, Single-sided Printing)



| Name                | Description                                                |
|---------------------|------------------------------------------------------------|
| ① LCD Display       | Displays the printer's operation status on the LCD screen. |
| ②                   |                                                            |
| ③                   |                                                            |
| ④ Single Card Slot  | Used to insert or release a single card.                   |
| ⑤ Left Side Cover   | Open to place optional accessories or fix errors.          |
| ⑥ USB Socket        | Used to insert USB memory media or to connect to a PC.     |
| ⑦ Top Cover Button  | Opens the Top Cover.                                       |
| ⑧ Top Cover         | Open to replace the cleaning roller.                       |
| ⑨ Right Side Cover  | Open to replace the main board or fix errors.              |
| ⑩ Power Switch      | Turns on/off the printer.                                  |
| ⑪ Eject Button      | Releases the card inside the printer.                      |
| ⑫ Ribbon Set Button | Replace or reposition the ribbon.                          |



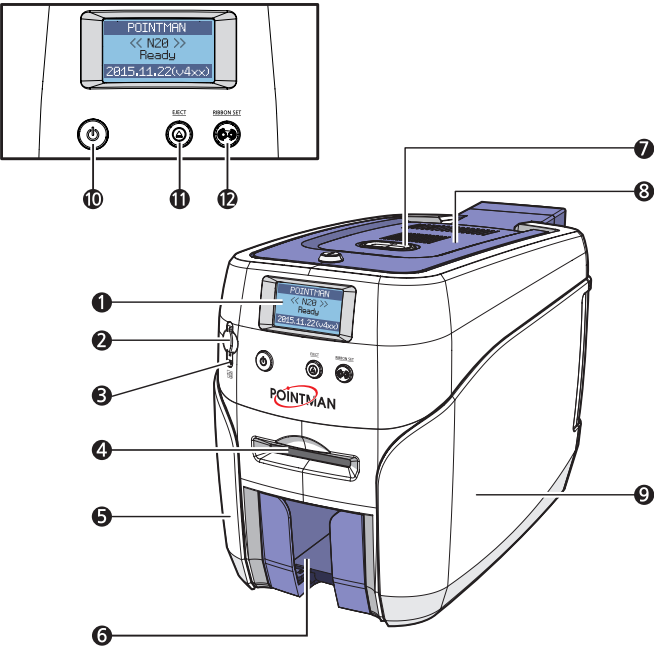
| Name                     | Description                                            |
|--------------------------|--------------------------------------------------------|
| ① Ethernet Port          | Used to connect to a network using a LAN cable.        |
| ② USB Port               | Used to connect to a PC using a USB cable.             |
| ③ USB Socket             | Used to insert USB memory media or to connect to a PC. |
| ④ Power Supply Port      | Connects to the power supply.                          |
| ⑤ Top Cover Lock Key     | Locks/unlocks the Top Cover.                           |
| ⑥ External RF            | Recognizes an RF card.                                 |
| ⑦ Printer Lock           | Use this to mount a security lock.                     |
| ⑧ Side Cover Open Button | Press to open the Side Cover.                          |

OPTION

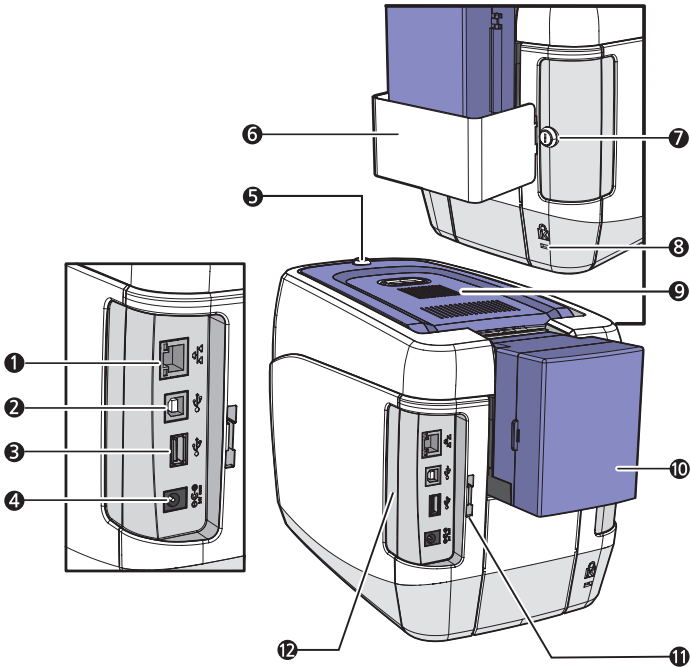
OPTION

OPTION

-N20 (Auto Feeding, Single-sided Printing)

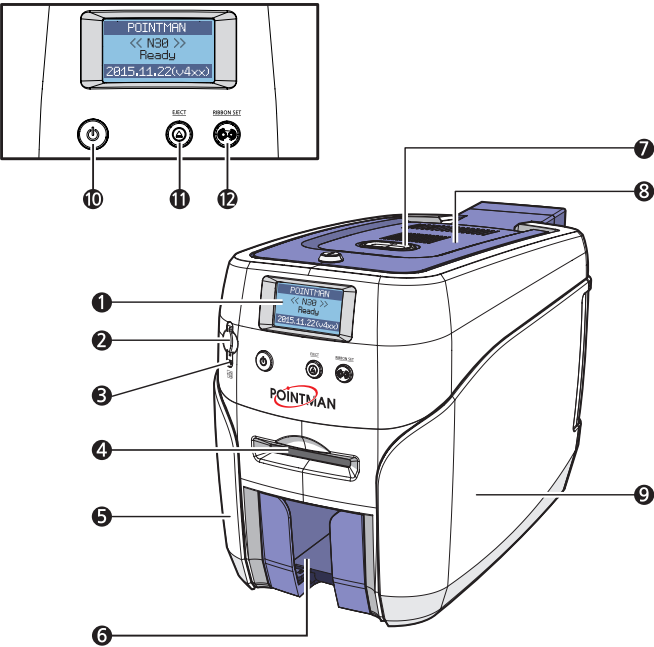


| Name                 | Description                                                |
|----------------------|------------------------------------------------------------|
| 1 LCD Display        | Displays the printer's operation status on the LCD screen. |
| 2                    |                                                            |
| 3                    |                                                            |
| 4 Single Card Slot   | Used to insert or release a single card.                   |
| 5 Left Side Cover    | Open to place optional accessories or fix errors.          |
| 6 Output Stacker     | Stores printed cards (max. 60 cards).                      |
| 7 Top Cover Button   | Opens the Top Cover.                                       |
| 8 Top Cover          | Open to replace the cleaning roller.                       |
| 9 Right Side Cover   | Open to replace the main board or fix errors.              |
| 10 Power Switch      | Turns on/off the printer.                                  |
| 11 Eject Button      | Releases the card inside the printer.                      |
| 12 Ribbon Set Button | Replace or reposition the ribbon.                          |

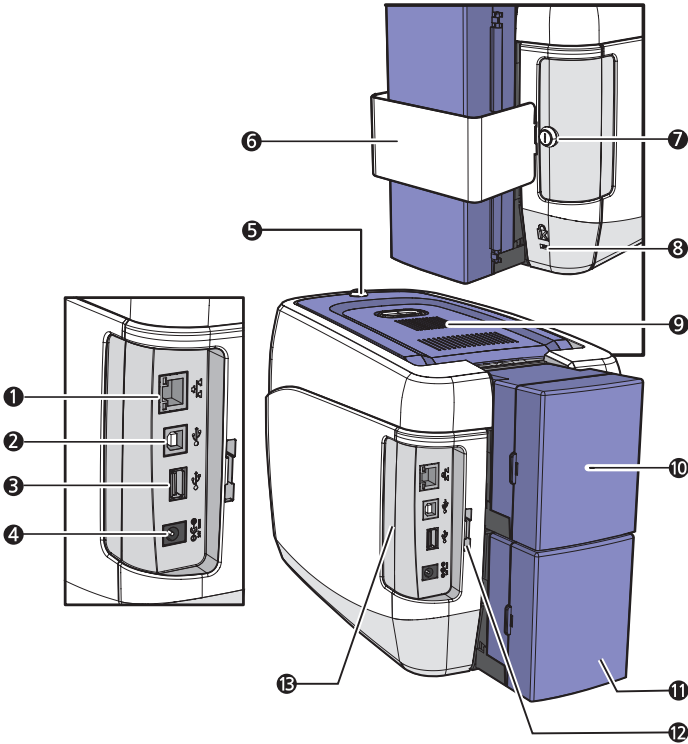


| Name                           | Description                                              |
|--------------------------------|----------------------------------------------------------|
| 1 Ethernet Port                | Used to connect to a network using a LAN cable.          |
| 2 USB Port                     | Used to connect to a PC using a USB cable.               |
| 3 USB Socket                   | Used to insert USB memory media or to connect to a PC.   |
| 4 Power Supply Port            | Connects to the power supply.                            |
| OPTION 5 Top Cover Lock Key    | Locks/unlocks the Top Cover.                             |
| OPTION 6 Input Hopper Lock     | Locks the Input Hopper for security.                     |
| OPTION 7 Input Hopper Lock Key | Used to lock/unlock the Input Hopper.                    |
| OPTION 8 Printer Lock          | Use this to mount a security lock.                       |
| 9 External RF                  | Recognizes an RF card.                                   |
| 10 Input Hopper (Standard)     | Stores cards to print (max. 100 cards).                  |
| 11 Lock Connector Link         | Used to connect the Back Cover to the Input Hopper Lock. |
| 12 Side Cover Open Button      | Press to open the Side Cover.                            |

-N20 (Auto Feeding, Double-sided Printing)

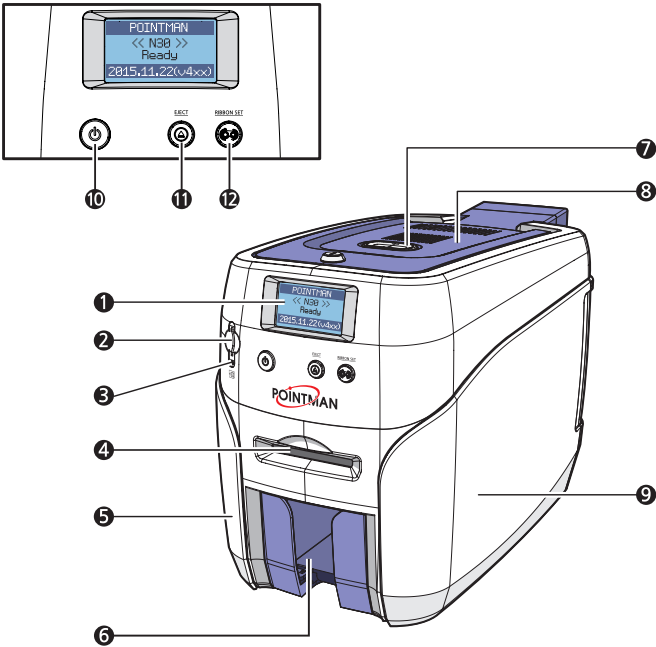


| Name                 | Description                                                |
|----------------------|------------------------------------------------------------|
| 1 LCD Display        | Displays the printer's operation status on the LCD screen. |
| 2                    |                                                            |
| 3                    |                                                            |
| 4 Single Card Slot   | Used to insert or release a single card.                   |
| 5 Left Side Cover    | Open to place optional accessories or fix errors.          |
| 6 Output Stacker     | Stores printed cards (max. 60 cards).                      |
| 7 Top Cover Button   | Opens the Top Cover.                                       |
| 8 Top Cover          | Open to replace the cleaning roller.                       |
| 9 Right Side Cover   | Open to replace the main board or fix errors.              |
| 10 Power Switch      | Turns on/off the printer.                                  |
| 11 Eject Button      | Releases the card inside the printer.                      |
| 12 Ribbon Set Button | Replace or reposition the ribbon.                          |

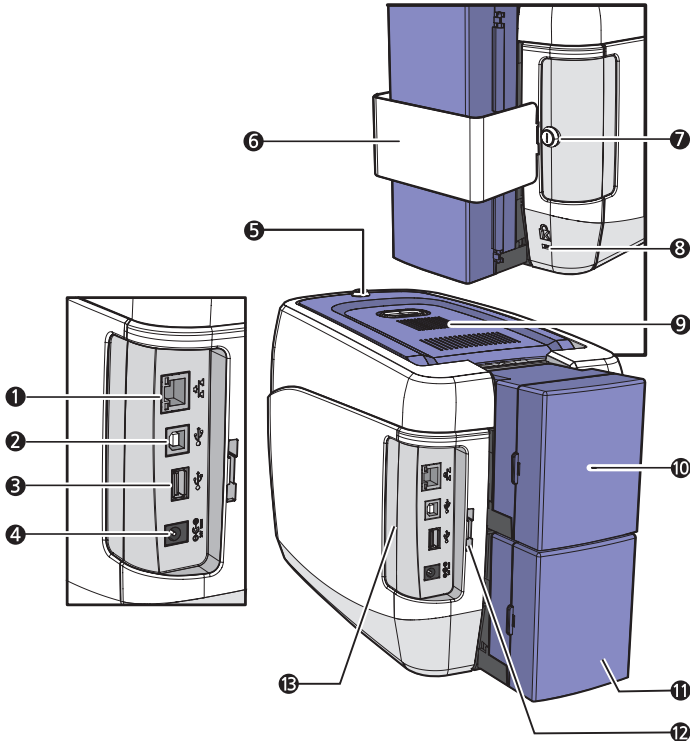


| Name                              | Description                                                 |
|-----------------------------------|-------------------------------------------------------------|
| 1 Ethernet Port                   | Used to connect to a network using a LAN cable.             |
| 2 USB Port                        | Used to connect to a PC using a USB cable.                  |
| 3 USB Socket                      | Used to insert USB memory media or to connect to a PC.      |
| 4 Power Supply Port               | Connects to the power supply.                               |
| OPTION 5 Top Cover Lock Key       | Locks/unlocks the Top Cover.                                |
| OPTION 6 Input Hopper Lock        | Locks the Input Hopper for security.                        |
| OPTION 7 Input Hopper Lock Key    | Used to lock/unlock the Input Hopper.                       |
| OPTION 8 Printer Lock             | Use this to mount a security lock.                          |
| OPTION 9 External RF              | Recognizes an RF card.                                      |
| 10 Input Hopper (Standard)        | Stores cards to print (max. 100 cards).                     |
| OPTION 11 Input Hopper (Optional) | Stores additional cards (Standard+Optional: max. 200 cards) |
| 12 Lock Connector Link            | Used to connect the back cover to the Input Hopper Lock.    |
| 13 Side Cover Open Button         | Press to open the Side Cover.                               |

-N30 (Auto Feeding, Double-sided Printing)



| Name                 | Description                                                |
|----------------------|------------------------------------------------------------|
| 1 LCD Display        | Displays the printer's operation status on the LCD screen. |
| 2                    |                                                            |
| 3                    |                                                            |
| 4 Single Card Slot   | Used to insert or release a single card.                   |
| 5 Left Side Cover    | Open to place optional accessories or fix errors.          |
| 6 Output Stacker     | Stores printed cards (max. 60 cards).                      |
| 7 Top Cover Button   | Opens the Top Cover.                                       |
| 8 Top Cover          | Open to replace the cleaning roller.                       |
| 9 Right Side Cover   | Open to replace the main board or fix errors.              |
| 10 Power Switch      | Turns on/off the printer.                                  |
| 11 Eject Button      | Releases the card inside the printer.                      |
| 12 Ribbon Set Button | Replace or reposition the ribbon.                          |

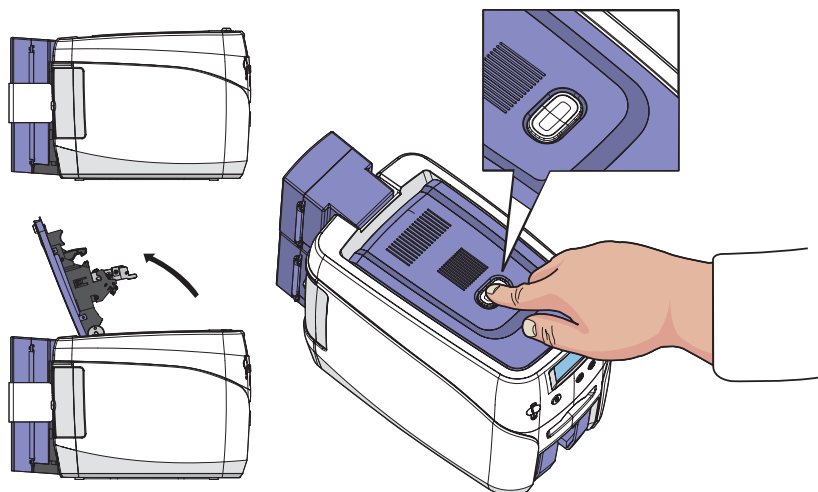


| Name                             | Description                                                 |
|----------------------------------|-------------------------------------------------------------|
| 1 Ethernet Port                  | Used to connect to a network using a LAN cable.             |
| 2 USB Port                       | Used to connect to a PC using a USB cable.                  |
| 3 USB Socket                     | Used to insert USB memory media or to connect to a PC.      |
| 4 Power Supply Port              | Connects to the power supply.                               |
| OPTION 5 Top Cover Lock Key      | Locks/unlocks the Top Cover.                                |
| OPTION 6 Input Hopper Lock       | Locks the Input Hopper for security.                        |
| OPTION 7 Input Hopper Lock Key   | Used to lock/unlock the Input Hopper.                       |
| OPTION 8 Printer Lock            | Use this to mount a security lock.                          |
| OPTION 9 External RF             | Recognizes an RF card.                                      |
| 10 Input Hopper(Standard)        | Stores cards to print (max. 100 cards).                     |
| OPTION 11 Input Hopper(Optional) | Stores additional cards (Standard+Optional: max. 200 cards) |
| 12 Lock Connector Link           | Used to connect the back cover to the Input Hopper Lock.    |
| 13 Side Cover Open Button        | Press to open the Side Cover.                               |

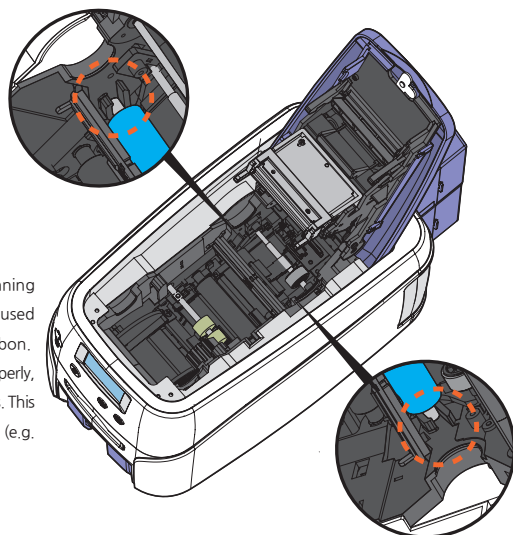
# Load cleaning Roller & Ribbon

## -Load Cleaning Roller

1. Press the “Open” button and lift the Top Cover all the way as shown in the picture.



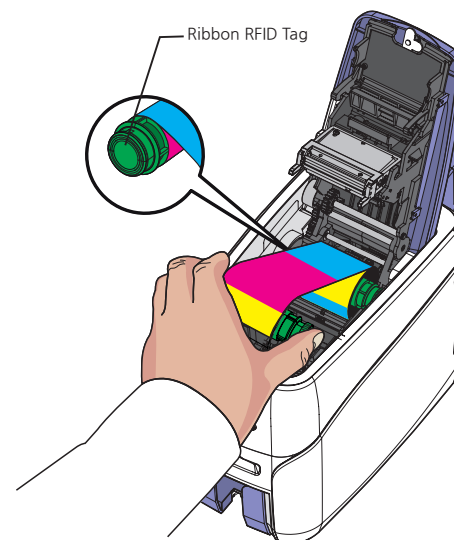
2. Place the cleaning roller into the “U-shaped holder” and push it down.



### ! Caution

- Wash the cleaning roller using running water every 7 days if the printer is used frequently or when replacing the ribbon.
- If the cleaning roller is not cleaned properly, then the card may be printed with stains. This may also cause serious damage to parts (e.g. print head).

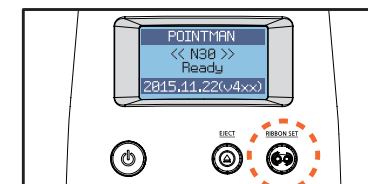
## -Load Ribbon



### ! Caution

- Do not close the cover by force when the ribbon is not placed properly as this may cause damage.
- If the Top Cover is not closed, the printer may not print properly (make sure it is closed completely).
- Make sure that the Ribbon RFID Tag is positioned correctly.

1. Make sure that the ribbon is positioned correctly for loading and rolling.



2. Close the cover and press the “Ribbon Set” button to complete the process.

